Displays

Lux Meter

Loop=1.573

X **1267.2 ± 0.0%**

Auto (cal corrected)

Gain Adjust
-16.8%

(1) (2) (3) (4) (5) (6)

Lux Meter

+ **594.0 ± 0.1%**

Manual (raw values)

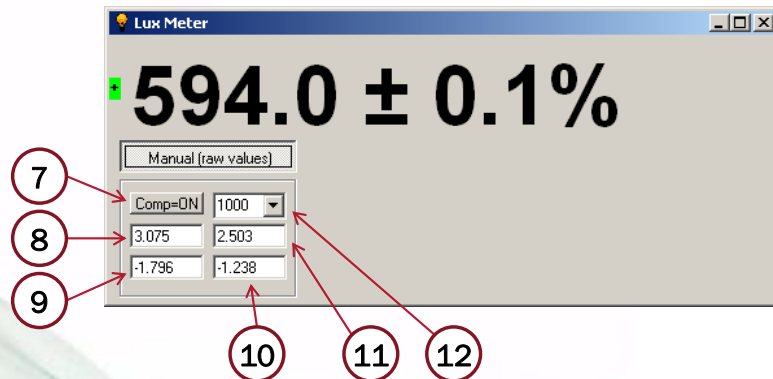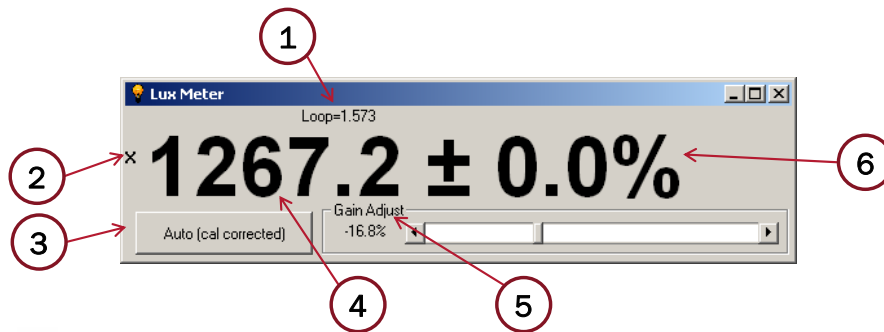Comp=ON | 1000
3.075 | 2.503
-1.796 | -1.238

(7) (8) (9) (10) (11) (12)

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Display widgets

1. Measurement Loop Length (seconds): 10Normal + 1R = 1.6 seconds nominal
2. Measurement indicator: alternates between "X" and "+", turns green during ΔIR measurement
3. Auto /Manual Mode:
   a. Auto: Normal run mode, Auto ranges & uses calibration correction (as defined by #'s 7-10)
   b. Manual: Auto ranging off, value display is digital code scaled by range selected
4. Lux Measured
   a. Mode=Auto (#3)
      i. Value = C_0 (1 + RC_1) $Meas_{COMP=OFF}$ GainAdjust (#5)
      ii. R = ($Meas_{COMP=OFF}$ - $Meas_{COMP=ON}$) / $Meas_{COMP=OFF}$
   b. Mode=Manual: Value measure/displayed is selected by Comp ON/OFF (#7)
5. Gain Adjustment: ±50% range, 0.1% resolution, applied only in Mode=Auto
6. Noise (1σ) of last 32 measurements in %/value
7. Comp ON/OFF: Comp=OFF is the normal measured value, Comp=ON is used for the R measured value
8. LO ranges C_0 value
9. LO ranges C_1 value
10. HI ranges C_0 value
11. HI ranges C_1 value
12. Range Select = {1000, 4000, 16000, 64000}

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